

DEC 11 2006

Appl. No. 10/738,474  
Examiner: NGUYEN, LEE, Art Unit 2618  
In response to the Office Action dated September 11, 2006

Date: December 11, 2006  
Attorney Docket No. 10113521

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

Claim 1 (currently amended): A mobile phone comprising:

a housing including a front case;

a printed circuit board, disposed in the housing, including a notch;

a connector, fitted into the notch of the printed circuit board, comprising a first terminal and a second terminal; and

a microphone, disposed in the connector in a manner such that the microphone faces the front case, wherein the microphone includes a third terminal corresponding to the first terminal and a fourth terminal corresponding to the second terminal, whereby the microphone is electrically connected to the connector by the first terminal contacting the third terminal and the second terminal contacting the fourth terminal.

Claim 2 (original): The mobile phone as claimed in claim 1, wherein the connector includes a pad abutted by a surface, facing the front case, of the printed circuit board, and the printed circuit board includes a circuit electrically connected to the pad.

Claim 3 (original): The mobile phone as claimed in claim 2, wherein the pad is located near an end, facing the front case, of the connector.

Claim 4 (canceled)

Claim 5 (currently amended): The mobile phone as claimed in claim 1 [[4]], wherein both the first terminal and the second terminal are elastic members.

Claim 6 (original): The mobile phone as claimed in claim 1, wherein the front case includes a microphone hole corresponding to the microphone.

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Claim 7 (original): The mobile phone as claimed in claim 1, wherein the housing further includes a rear case combined with the front case, and the printed circuit board, the microphone, and the connector are surrounded by the front case and the rear case.

Claim 8 (original): The mobile phone as claimed in claim 1, wherein the microphone is abutted by the front case.

Claim 9 (currently amended): A microphone module for a mobile phone, wherein the mobile phone comprises a printed circuit board and a front case, and the microphone module comprises:

a connector, fitted into the printed circuit board, comprising a first terminal and a second terminal; and

a microphone disposed in the connector in a manner such that the microphone faces the front case, wherein the microphone includes a third terminal corresponding to the first terminal and a fourth terminal corresponding to the second terminal, whereby the microphone is electrically connected to the connector by the first terminal contacting the third terminal and the second terminal contacting the fourth terminal.

Claim 10 (original): The microphone module as claimed in claim 9, wherein the connector includes a pad abutted by a surface, facing the front case, of the printed circuit board, and the printed circuit board includes a circuit electrically connected to the pad.

Claim 11 (original): The microphone module as claimed in claim 10, wherein the pad is located near an end, facing the front case, of the connector.

Claim 12 (canceled)

Claim 13 (currently amended): A mobile phone comprising:

a housing including a front case;

a printed circuit board, disposed in the housing, including a notch and a circuit; and

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a microphone, including a pad, fitted into the notch of the printed circuit board in a manner such that the microphone faces the front case, wherein the pad is electrically connected to the circuit, and is abutted by a surface, facing the front case, of the printed circuit board.

Claim 14 (canceled)

Claim 15 (original): The mobile phone as claimed in claim 13, wherein the front case includes a microphone hole corresponding to the microphone.

Claim 16 (original): The mobile phone as claimed in claim 13, wherein the housing further includes a rear case combined with the front case, and the printed circuit board and the microphone are surrounded by the front case and the rear case.

Claim 17 (currently amended): An electronic device comprising:  
a housing including a front case;  
a printed circuit board, disposed in the housing;  
a connector fitted into the printed circuit board; and  
a microphone disposed in the connector in a manner such that the microphone faces the front case, wherein the microphone is abutted by the front case.

Claim 18 (original): The electronic device as claimed in claim 17, wherein the printed circuit board includes a notch for the connector to be fitted therein.

Claim 19 (original): The electronic device as claimed in claim 17, wherein the connector includes a pad abutted by a surface, facing the front case, of the printed circuit board, and the printed circuit board includes a circuit electrically connected to the pad.

Claim 20 (original): The electronic device as claimed in claim 19, wherein the pad is located near an end, facing the front case, of the connector.